

WILLARD E. BROWN.  
Member Honolulu Stock Exchange.

F. HALSTEAD.

**HALSTEAD & CO.****STOCK AND BOND BROKERS**

Money Loaned on Sugar Securities

407 FORT STREET

We are Just in Receipt  
of a Handsome Line ofShell Combs and Pins,  
Hair Ornaments, Etc.

Also a New Stock of Human Hair Goods for our

**Hairdressing Department**

These Goods are now on Display.

**Miss M. E. Killeen**

Hotel Street, Arlington Block.

**Woolen Blankets and****Comforters**

Just in Time for the Cold Weather

Comforters.	Blankets.
We have them at all prices. Our cheapest is \$1.50, we also have some filled with down at \$6.50 and a few beautiful silk ones at \$14.00 and \$15.00.	\$4.00. Buys a nice pair white Woolen Blankets, assorted color borders. We have them to suit all pocketbooks. Get a beauty made in California for \$7.00.
Pillows.	Pincushions.
A good quality. 22x22 ..... \$1.25 18x18 ..... .75 14x14 ..... .50 Filled with Silk Floss 22x22 ..... .75 18x18 ..... .40 14x14 ..... .25 Come and inspect them; they are really good values.	We have them in all sizes, small and large. If you want to make one, we have them as small sizes as 4x4 inch.

**The Genuine Scriven's Elastic Seam Drawers**

See that every drawer is marked "Scriven's." We claim that this drawer is far superior to anything in the market.

75 cents per pair or \$8.50 dozen.

**B. F. Ehlers & Co.**  
FORT ST.**City Furniture Store**

H. H. WILLIAMS, Manager

Love Building, Nos. 534-536 : : : Telephone 846  
FORT STREET.A new line of BABIES' CRIBS, CRADLES and CARRIAGES.  
Parlor, Bedroom and Dining Furniture.  
Special attention paid to Undertaking and Embalming.**Wm. Savidge & Co.**  
**Real Estate Agents****FOR SALE.**

\$3,500—House and lot on Liliha St., 56x115; 6 rooms.  
\$5,000—House and lot on College St., 75x125; house contains 7 rooms.  
\$5,000—House and lot on Alexander St., 106x120.  
\$3,300—House and lot on Vineyard St., 75x90.  
\$3,600—House and lot on Young St., 60x140.  
\$6,500—House and lot on Young St., 10 rooms, 90x140.  
\$2,900—House and lot at Kalihi, 77x150.  
\$2,750—House and lot on Alapai St., good view.  
\$2,600—House and lot on Kinau St., 50x100.  
\$1,000—Large lot at Kalihi, 77x150.  
\$3,900—House and lot at Kalihi, 155x150.  
\$5,500—Business property on Fort St., 47x98.  
\$6,000—Lodging house in center of city.  
\$7,500—Investment at Kewalo; monthly income \$110.  
\$4,200—Leasehold on Beretania St.; 2 large stores; 20 years to run.  
\$7,500—Large lot with buildings on Punchbowl St.; brings in \$90 per month.  
\$5,000—House and large lot on Queen street.  
\$1,400—Lot on Queen St., 50x100.  
\$8,500—Large lot with 5 cottages; monthly income \$125.  
\$1,250—Large lot at Kalihi, 105x103.  
\$6,500—Elegant residence, 225 ft. front, on Makiki St.  
\$5,500—Residence on Punchbowl near Lunalilo Home, 120x150; a bargain.  
\$4,000—Leasehold on Beretania St.; 39 years to run; net income \$90 per month.  
\$900—Leasehold with building on Fort St.; 8 years to run.  
Lots near Peterson's Lane, Palama; all sizes and prices.  
Lots on Austin Lane, Palama; all sizes and prices.  
Lots at Kunawai off Liliha and Judd Sts.; all bargains.  
Lots at Kewalo from \$575 up, according to location.  
\$4,000—Large warehouse at Kewalo; recently built.  
\$4,000—Leasehold of city front lot on Queen St., near Fish Market wharf; 24 years to run.  
A cottage on Peterson's Lane, Palama. Possession given on the 1st of October.

**TO LET.**

Three summer residences near city, at Tantalus, Pearl City and Niu.

**WM. SAVIDGE & CO.**  
Real Estate Agent, 206 Merchant St.**J. H. SCHNACK**  
**Dealer in Real Estate,**  
**223 Merchant St.**

Offers Sale Lots in the Following Tracts.

**MAHOA HEIGHTS.**

A few large choice lots with unequalled view; terms easy; prices from \$1,750 to \$2,000 per lot.

**NUUANU TRACT.**

Various lots 50x100 feet at \$250 to \$400 each, according to location; terms \$25 per lot down, balance in monthly installments of \$10 per lot each month.

**NUUANU TRACT ADDITION.**

JUST OPENED AND DIVIDED INTO LARGE LOTS of different sizes, which I will sell on easy monthly installments with a small cash payment down. These lots are almost level and have a rich soil, producing anything anybody may want to plant. They are only a couple of hundred feet from Nuuanu avenue and of easy access. A bus runs to the premises. This is a rare chance to get a good home cheap.

**NUUANU VALLEY.**

Five lots on lane just above the Queen Emma premises.

**WAIKOA.**

Near Kamehameha school. Three inside lots on a 25 feet wide street on easy monthly installments; cheap.

**KALUAPALENA, KALIHI.**A large lot with a fine view on a good street; price \$1,200; terms easy.  
A magnificent large corner lot with fine view in the choicest part of Kalihi; half cash, balance at your own terms. This is a real bargain.**KEWALO.**

Four adjoining lots; aggregate area 100x200 feet; suitable location for warehouse; cheap for cash.

**KAPALAMA.**

A large lot on King street.

**FOR LEASE.**

One and one-third of an acre of land between Liliha street and Inaue Avenue road, close to King street, affording room for a large number of cottages.

A business site on Maunaloa street, between "Eldon" and Punchbowl street.

**SCIENTISTS LEARN**  
**THE OCEAN'S SECRET**Result of Exploration  
by the Steamer  
Albatross.**EXPERTS SENT BY GOVERNMENT**THEY FIND CHARTED ISLANDS  
MANY MILES OUT OF  
PLACE.World's Record for Deep Sea Net  
Dragging Made Near the  
Tonga Group of  
Islands.

Discoveries of great value to navigation and to science are reported by the United States fish commission steamer Albatross, which has just returned to San Francisco from a fourteen months' cruise in the South Seas and in Japanese and Alaskan waters.

The naval officers controlling the vessel have learned that nearly all of the South Sea islands are mischarted anywhere from two to a dozen miles, making steering by chart extremely dangerous. The exceptions are the Fiji group, owned by Great Britain, and the Tahiti group, owned by France.

In about the middle of Behring sea they discovered a bank just 200 fathoms below the surface, where the charts showed 2,000 fathoms depth. This bank is from five to ten miles in extent. The knowledge of its existence will permit navigators to try sounding in that part of the ocean when they wish to determine the depth in cloudy weather. As the sky is sometimes overcast in those latitudes for days and nights continuously, the usual solar or astral observations are not always possible. Knowing that there is this extensive area only 600 feet below the surface in latitude 54 deg. 30 min. north and longitude 179 deg. 30 min. east, confused captains may hereafter learn where they are in Behring sea if the lead strikes bottom where the charts show impossible soundings.

A world's record for deep-sea net-dragging was made about fifty miles east of the Tonga group of islands in latitude 20 deg. south. Specimens of marine life were brought up from a depth of 4,200 fathoms, or nearly five miles. The greatest previous record was less than 3,000 fathoms. It was made by the British scientific deep-sea exploration steamer Challenger, between 1873 and 1876. From the five-mile bottom the Albatross secured specimens simply of a low form of sponge life adhering to pumice stone, indicating neither a sandy nor a muddy bottom, but one of rough volcanic rock.

Wherever time and opportunity permitted in the southern group of islands the naval officers made careful hydrographic surveys to determine depths. At the same time they completed sailing directions, which will enable navigators to steer accurately into many of the more important insular harbors. They also took magnetic observations in connection with these surveys.

All this reliable data will be properly presented upon new charts and marine maps to be issued by the government. The maritime nations of the world will profit by the published information.

Another scientific fact determined is that the temperature at the bottom of the ocean is uniformly a fraction above 35 degs., or a little more than 3 degs. above the freezing point. This rule holds good for all depths from 500 fathoms to 4,200 fathoms, or from 3,000 feet to five miles below the surface of the sea.

Aboard the Albatross is a remarkable illustration of deep-sea pressure. There is a hollow glass globe eight inches in diameter with the walls three-eighths of an inch thick. The globe was empty when it was sent down to a depth of 12,000 feet, or nearly two and a half miles. When it came up it was three-fourths full of water, as it is yet. That amount was forced through the thick, smooth, flawless glass. A bottle of wine lowered deep to cool it came up with the cork forced inside the bottle and the wine spoiled.

Shrimps in infinite variety were brought up from depths varying from a few yards to 15,000 feet. They ranged from little ones a half inch in length to giant shrimps a foot long. All were edible. They were found wherever the nets were lowered among the South Sea islands and off the southern coast of Japan. That shrimps live at great depths was not known before. In San Francisco bay, where the Chinese annually catch about \$250,000 worth of shrimps for domestic and Oriental markets, the big nets are set at the bottom at depths of only twenty or thirty feet.

Specimens of red coral discovered deep in the Arctic ocean are among the curios on the Albatross. They proved to be the scientific world that red coral is not found solely in the temperate Mediterranean sea. This discovery was made on a previous voyage, but it never gained publicity.

Good weather and clear skies last June all the way across from Kamehameha on the Asiatic coast to Unalaska on the North American coast enabled the officers of the Albatross to make daily solar observations. This exceptional opportunity for accurate bearings convinced the observers that there are, not strong currents out in the Behring sea, as was generally supposed. The currents are strong inshore, or near the straits.

South of the equator the Albatross brought up from the bottom of the ocean fossil bones from whales, ears and fossil teeth of sharks. These specimens were thought to have laid on the floor of the sea for thousands of years.

During the investigations off the south coast of Japan the Albatross entertained two Japanese government scientists. They knew much about the marine life, but they had never seen such effective apparatus and appliances as those used by the United States fish experts.

As a general result of the fourteen months' cruise the Albatross has a cargo of thousands of marine specimens pickled in formaline. These will be sent to Washington. These some of them will be distributed to experts all over the world for classification and study, and for scientific collections. There are sea freaks by the hundreds, marine animals and fish with eyes out on the ends of long tentacles that permit them to look around corners, deep-sea things that look like hot air balloons, and others that look like low footballs made of clear yellow honey-comb, curious starfish that look like miniature coconut palm trees, and an endless number of fishes of many varieties.

The Albatross is a trim white vessel, 215 feet long, and carries a complement of sixty men. She is commanded by Commander Jefferson F. Mower of the United States navy. When she left San Francisco, fourteen months ago, to begin her latest cruise she took, in addition to her present officers and crew, a little party of government scientists, chief of whom was professor Alexander Agassiz. These scientists left the vessel at Japan and returned to America months ago, their particular work having been completed. Among the officers on the Albatross is Ensign Cyrus R. Miller, whose home is in Sacramento.

From San Francisco the Albatross went southwestward to Marquesas islands in the South Seas, and then thoroughly explored the neighboring Paumotu group. Then she steamed westward to the Society Islands, then westward again to the Cook Islands, and west once more to the Tonga Islands, where the deep haul was made; then northward through the Fiji Islands to the Ellice Islands, then through the Gilbert Islands and the Marshall Islands to the northwestward; then westward through the Caroline Islands, touching at Guam last February; then to Yokohama. In May the Albatross explored the south coast of Japan to the southward and westward. Then she cruised along through the archipelago known as the Kurile Islands, stretching from Japan to the peninsula of Kamchatka. A stop was made at the Russian town of Petropavlovsk, near the southeastern end of Kamchatka. Thence the route was eastward across the Behring sea to Unalaska and the Aleutian Islands. From Unalaska southward the ship was engaged in salmon work through Bristol bay, along the southern shores of the Alaskan peninsula and throughout the southeast of Alaska.

Many of the islands of the Paumotu, the Ellice, the Marshall and the Caroline groups were accurately recharted by the officers of the Albatross, and will be given their proper positions on new maps. The investigations seemed to show that hundreds of islands have simply been sketched in place on charts by sea captains and never correctly located. This is why they are miles out of the way. The entire cruise was without storm or serious accident or notable occurrence other than the discovery of unexpected things.

**NOTICE.**

There will be a special meeting of the stockholders of the Robert Grieve Publishing Company, Limited, at the office of William A. Henshall, President, on Kaunamann street, Honolulu, H. T., on Wednesday, November 14, A. D. 1900, at 4:30 o'clock p. m. of said day.

The general nature of the business to be considered will be the resignation of the business manager of the company, the selection of a new business manager of the company, the purchase of additional machinery and supplies, and such other business as may be properly brought before the meeting.

J. H. FISHER,  
Secretary Robert Grieve Publishing Co., Limited.  
Dated Honolulu, H. T., November 11, A. D. 1900.

**R. W. ATKINSON**  
**HAS**  
**REMOVED**  
**TO**  
More Convenient Premises in the Magoon Block, Merchant St.

**CALL AND REGISTER**  
**Room 11**

THE man that is content to whisper down a well.  
About the kind and quality of goods he has to sell,  
Will never make one-half as many dollars  
As he who climbs a tree and "HOLLERS."

**ALL ABOUT THE NICE LUNCH**  
**THE NEW ENGLAND BAKERY**Serves every morning and noon in its cool Lanes, and which only a first-class Baker could afford to furnish at the price. Rooms reserved for ladies.  
We make up lunches, also cold sliced ham, cheese and sardine sandwiches, in any quantities, for basket picnics.**New England Bakery**  
J. OSWALD LUTTER, Manager.  
Hotel Street - - - - - Phone 74

THE PEOPLE'S PROVIDERS

**N. S. Sachs Dry Goods Co.**  
**LIMITED.**

**JOBBER'S**  
**AND RETAILERS**

YOU CAN INVARIABLY BUY FROM US, A single yard or Article at less than Wholesale prices. There is certainly no one store, or combination of stores, can quote prices that we cannot match and oftentimes go one better. All that we ask is, that the Ladies Examine Our—

**—IMMENSE STOCK—**

We have sufficient confidence in the Styles and Qualities of Our Wares to know that it is utterly impossible to match them, let alone beat them.

We have some genuine surprises in values in

**Every Department**

**N. S. Sachs Dry Goods Co., Ltd.**  
**FORT STREET.**

**G. Schuman**

WE HAVE THE SOLE AGENCY

FOR THE CELEBRATED

**Studebaker Goods**

And have constantly in stock of their manufacture

**PHÆTONS**  
**SURREYS**  
**BUGGIES**  
**FARM WAGONS**  
**DUMP CARTS, ETC.**

All goods of Studebaker make are guaranteed reliable.

**G. SCHUMAN**

Merchant Street, between Fort and Alakea Streets.

**Dr. A. E. Nichols**  
**Silent Barber Shop****DENTIST.**

Office: Alakea Street, with Dr. Anderson. Hours—8:30 to 4.

JOSEPH FERNANDES, Prop.